

The Tech

"Let's Set The Rising Sun"

2-296

Vol. LXII, No. 50

CAMBRIDGE, MASS., TUESDAY, DECEMBER 1, 1942

PRICE FIVE CENTS

All-Tech Sing To Be Held Fri. In Morss Hall

Fifteen Organizations Competing; Silver Cup To Be Given To Winner

At 8:30 P.M. this Friday, the annual All-Tech Sing will be held in Morss Hall of Walker Memorial under the directions of Barrett B. Russell, III, '43, who is chairman of the affair.

For the first time in recent years, the Technology Matrons are going to participate, but according to Mrs. George Scatchard, who leads the group, the Matrons do not intend to compete. They will sing two numbers, "Goodnight," a German folk song, and "Griddle Cakes," a Ukrainian folk song.

Techtonians To Play

Also featured on Friday night's program is The Techtonians, who will play a swing number and later on in the evening, after the presentation of the silver cup, they will supply the dance music for all couples who wish to dance.

Admission is free and all are welcome. Refreshments are to be served during the evening and the dancing will begin about 10:00 P.M.

Groups Which Will Participate

To date it is known that the following organizations are going to compete for the cup: Alpha Tau Omega, selection, "Road To Mandalay"; Phi Beta Epsilon, "Break Forth O Beauteous Heavenly Light"; Phi Gamma Delta, "Army

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O. C. Ski Season Opens Tomorrow

Skis To Be Rented To Members At Cost

The Technology ski season will open tomorrow evening at 5:00 P.M. in Room 1-390. The meeting is to be held by the M.I.T. Outing Club and is open to everyone interested in skiing whether or not he is a member of the club. Ski team Captain Jim Klein promises some good, up-to-date instructional films on skiing.

The ski team will meet Klein immediately after the movies to make preliminary plans for the year. They plan to have a particularly active season this year and a larger number of men than usual will be able to participate in the meets. This has been made possible by careful staggering of expenses and the wholehearted financial cooperation of the Institute Committee.

(Continued on Page 4)

Nautical Association To Hold Dinner Dance

The nautical association will start its social season on Saturday, December 5, at 6:30 P.M. The affair is to be held in Pritchett Hall, Walker Memorial. The occasion will be the annual party and will take the form of an informal dinner dance. During the course of the evening trophies won since last spring are to be presented.

Among the guests at the dinner will be Lt. W. C. "Jack" Wood who put the organization on its present efficient basis. Other guests will include Professor Owen, Professor Jack and a professor from Northeastern University, Professor Oberg, John Doremus a graduate student, will act as Master of Ceremonies.

The trophies will include the Ford trophy for the Lawley series, the Vose and Smith trophies for the fall

Red Cross Needs Blood For Disaster Victims

Due to the large amount of blood necessary for the treatment of the casualties in the Cocoanut Grove disaster, the need for blood donors in the Red Cross blood bank has increased.

The committee for the donation of blood at the Institute urges that all students, whether they have given blood before or not, now go to the Red Cross, and donate a pint of their blood to this worthy cause.

Christmas Dance Set For Dec. 11 In Walker Memorial

Tickets Are Practically Sold Out; 300 Couple Limit To Be Reached

The annual Dormitory Christmas Dance will be held this year at 9:00 P.M. on Friday, December 11, in Morss Hall of Walker Memorial. The dance is being put on by the Dormitory Dance Committee under the chairmanship of C. Carl Schneider, '44.

Ken Reeves and his twelve piece orchestra will play to a group of 300 couples, and Joyce Dale, Reeves' vocalist, will sing for the revelers. Although the main decorations are still being kept secret, the Dance Committee may announce some of their ideas in the next issue of The Tech.

Some Tickets Still Available

Tickets have been practically sold out although there are still a few free lancers who have some left. For the convenience of the students these tickets will continue to be sold in the Lobby of Building 10, but no promise is made by the committee that all students may obtain tickets. The number of couples has been limited to three hundred to insure a safe floor with no overcrowding.

The dance will end at 1:00 A.M. and not at 2 A.M. as had been previously announced. The reason for this change is to accommodate the students who have to put up the tables for the first serving at breakfast.

Tau Beta Pi Election Held

Immediately after a smoker held at 5:00 P.M. on Tuesday, November 24, the annual Tau Beta Pi elections were held. Eleven men of the Class of '44 were elected, and an informal initiation will be held on December 8 in Tyler Lounge, Walker Memorial.

Prof. Morris of the Geology Department will be the principal speaker at the formal initiation banquet to be held on Thursday, December 22. Hans Wohlwill, '43, will be pledge master at the formal initiation, and Louis Schwartz, '43, will be in charge of the informal initiation.

The following men, all of the Class of '44, were elected to the honorary fraternity: Richard S. Bettes, Henry C. Bourne, Jr., Frank E. Carroll, Jr., John Chamberlain Gonzales C. Docal, David M. Himmelblau, Robert F. Kratz, Jr., Arnold Macintosh, Jr., Albert Madwed, Mortimer W. Meyer, Jr., Alan S. Michaels.

series and the trophy for the summer series. All interested persons should sign up on the bulletin board in front of the cashiers office as soon as possible. The price is \$1.00 per person.

5:15 Elects New Officers

Henry D. Lawton Chosen President

Henry D. Lawton '44, was elected president of the 5:15 club in the elections held yesterday from 11:00 A.M. to 5:00 P.M. in the 5:15 club-room. Frank E. Carroll, '44, presidential runner-up, was named vice-president, George H. Manning, '44, was elected secretary, and Thomas F. Dolan, '44, was chosen treasurer. William H. Noyes, '45, was elected member-at-large of the executive committee.

The officers were elected from a list of candidates nominated by members of the club. The signatures of 25 members were necessary to nominate each, and all nominations were made by 5:00 P.M., Wednesday, November 25.

The new officers will be subject to approval by the 5:15 club Board of Directors at their meeting tonight, and by the Institute Committee, and if approved, they are to take over their offices on Tuesday, December 8.

The new president, Henry D. Lawton, '44, has served for the past year as chairman of the Dance Committee. He will replace Waldo F. Davis, '43, Frank E. Carroll, '44, who was chairman of the Dance Committee and has acted as secretary this fall in place of Christian D. Matthew, will replace Robert W. Maxwell, '43, as vice-president. George H. Manning, '44, Thomas F. Dolan, '44 and William H. Noyes, '45, have served for the past year as district representatives on the board of directors before being elected to their new positions.

Alumni Swimming Pool Changes Opening Time

The swimming pool committee has announced that effective today a change in the hours during which the Alumni Swimming Pool may be used is to be inaugurated.

On Tuesdays and Thursdays the pool will open for general swimming at 12:00 Noon instead of the usual 11:00 A.M.

W. R. Norton And O. S. Rainer Die In Cocoanut Grove Fire

Norton Transferred Here After Attending Annapolis

William R. Norton '44, who died in the Cocoanut Grove fire last Saturday night, had transferred to Technology this year from Annapolis and was taking Naval Architecture. He came from Mobile, Alabama, where his parents, brother, and married sister live.

"Bob" enjoyed sports, especially boxing and hockey, and he loved dogs and hunting. He was an energetic student according to Mrs. D. W. Dunleavy, with whom he lived in Bexley Hall.

Reserve Program Closed Yesterday

Professor John D. Mitsch, faculty adviser for the Enlisted Reserve Corps announced yesterday that approximately 70% of the freshman class and about 80% of the Sophomore Class had turned in applications for enlistment in the reserves. The enlistment papers had to be in last night, but the applicants still have a few weeks to wind up the

Cocoanut Grove Fire Takes Lives Of Three Technology Students

Perish

UNDERGRADUATES

William R. Norton, '44, Mobile, Ala.
Osborne S. Rainer, Jr., '44, Montgomery Ala.
Raymond F. Sullivan, '43, Ansonia, Conn.

OTHERS

Miss Catherine Murphy, librarian, Dorchester.
Ensign John W. Edwards, U. S. N. R.
Ensign Harry G. Heath, U. S. N. R.
Lieutenant John A. Hey, U. S. Army

R.O.T.C. Member Carries Stretcher At Cocoanut Grove

Many Technology men aided the Army, Navy, and police personnel with rescue work in the Cocoanut Grove fire. One example is an unidentified member of the advanced R.O.T.C. at the Institute who was found heading wearily home at half past one Sunday morning.

He had answered the call for aid the moment the alarm was sounded. When he arrived at the scene, no questions were asked; someone handed him some blankets and put him to work on a stretcher. Everyone was in a frenzy. Some, who could not keep their heads, went into the building with stretchers and came out with them just as empty. Promptly, another stepped in to take the person's place.

After two hours of feverish work, the Technology student realized that he was almost frozen, working in the cold without a coat. When he made his way slowly back to Cambridge, someone asked how he got the mud all over his shoes. He glanced down at his shoes and said simply, "That's not mud." No one needed to ask him what it was!

Disaster Kills Four From Other Branches Of The Institute

Three Technology undergraduates lost their lives in the Cocoanut Grove tragedy last Saturday night, and a fourth is seriously injured. In addition, an Institute librarian is dead and three men taking special courses under the Engineering, Science and Management Defense Training Program are known to have lost their lives.

The dead are: Osborne S. Rainer, Jr., '44, Raymond F. Sullivan, '43, William R. Norton, '44, Miss Catherine Murphy, librarian, Ensign John W. Edwards, U. S. N. R., Ensign Harry G. Heath, U. S. N. R., and Lieutenant John A. Hey, U. S. Army. The injured man is John J. Billings, '45, who is reported to be in a serious condition at the City Hospital.

Rainer, who was a Junior in Chemical Engineering, had his home in Montgomery, Alabama. His name appeared early on the casualty lists. Norton was a student in Naval Architecture and came here this year as a transfer student from the Naval Academy at Annapolis. His home is in Mobile, Alabama. Sullivan, who formerly resided in Ansonia, Connecticut, perished with his mother, Mrs. Margaret Sullivan and Miss Murphy, the three of whom were together the night of the fire.

John Billings who is injured, is a Sigma Nu and a student in biological engineering. His home is in Sao Paulo, Brazil.

Lt. Arthur Dzenolet of Cambridge aided many persons in getting out of the Cocoanut Grove before he collapsed and succumbed to the flames. Dzenolet was graduated from Technology some years ago.

Intramural Bridge Tourney Is Sunday

Match With Wellesley Scheduled For Dec. 12

The Bridge Club offers all unknown bridge players a chance to "become famous the easy way" in its intramural championship this weekend, open to all undergraduates. The winners will receive an engraved cup, and the members of the second place team will each receive \$5.00 in war stamps. The qualifying round will be held in Tyler Lounge at two o'clock, Sunday afternoon. Those interested are requested to sign up in pairs only, in Building 10 or with any bridge club officer.

The Bridge Club has a match with Simmons on December 12, and is planning matches with Wellesley, Harvard, and Radcliffe after vacation next term. The team will be picked from the high point scorers of the club before each match. A man automatically becomes a member after he has played in four of the weekly practice tournaments held each Saturday afternoon at 1:45 in Tyler Lounge or when he has placed first or second in any one of them. There are no dues or admission fees, but there is a nominal charge for each tournament to cover costs.

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MORE CONFLICTING DATES

Once again, in spite of a big rumpus raised last year and in spite of the remedy that was devised at that time, the All-Tech Sing, the opening game of the basketball season, a Scabbard and Blade initiation, and a fraternity formal occur on the same date, December 5 this year.

A year ago, seven Institute events, ranging from basketball and hockey games to formal dances, were scheduled on the same evening at approximately the same time. Each event naturally suffered as a result. This year, conditions have improved to some extent in that only four affairs conflict. But two of these affairs are to be held in the same building, Walker Memorial, the basketball game in the second floor gymnasium and the All-Tech Sing in Morss Hall on the first. The noise and cheers from the basketball game will most certainly interfere with the songs of the All-Tech Sing.

The corrective that was offered last year was the erection of a sign-up board where each activity could record the dates of their affairs for the benefit of the others who might be making similar plans. Evidently this method has not sufficed. It was a good beginning but the results show that it needs improvement. A compulsory list of every undergraduate activity, social, athletic, or otherwise, which plans some sort of public enterprise, should be compiled by the Walker Memorial Committee when they reserve space. This list incorporated with the fraternity list could be presented to other activities so that the open dates could be filled and the crowded dates avoided.

PLASMA MEANS LIFE

Blood plasma literally became supremely vital not two days ago. Lives which might otherwise have been lost were saved by the stocks of blood built up by the American Red Cross Blood Donor Service as a war measure. Perhaps blood plasma serving on our far flung battle lines away from home may not mean enough to people to have them flock to the Red Cross to offer blood. But the Cocoanut Grove disaster is right at home. Many Institute undergrads helped care for the victims on that fateful evening. Many others helped by offering their blood, but the need grows.

A few weeks ago the Boston Metropolitan Chapter of the Red Cross sent a representative to the Institute in an effort to increase blood donations by undergraduates. The response was gratifyingly wholehearted—on paper. Only about 200 of the 1,000 who signed for appointments turned up at the headquarters to give their pint of blood. The tremendous waste of time and effort caused by the failure of these men to appear at the appointed times is inexcusable and becomes even more appalling in view of the serious depletions created by the recent tragedy.

Here is one way for all to help. Contributions do not have to wait for another Technology week. Do it now.

Roy G. Andrews Of Glen Martin Tells About Personnel Selection

"Our company places teamwork and technological knowledge on the same level in choosing a man to work for our organization," said Mr. Roy G. Andrews, veteran personnel manager for the Glenn L. Martin Company, in a recent interview with The Tech. "Any kind of extracurricular activity develops teamwork," he continued.

Spending a large part of his time away from the home factory in order to interview students from colleges all over the country, Mr. Andrews believes that there are many more factors than a good scholastic record which govern the chances of success which a man will have in his life work. "Low grades are not fatal," he said, "and we do not accept a man on high scholastic record alone. There are many ways by which a student can secure high grades in college, and we do not believe that the ability to draw high grades is sufficient."

An engineer himself, Mr. Andrews believes that engineers, as a rule, like their work better than men in other professions because "they are working all day at their hobby." For this reason engineers do not feel the necessity to spend large amounts of money for recreation, he added.

Personality is quite important in all kinds of engineering because if a man cannot sell his ideas to the men around him, his work is a waste of effort, he emphasized. Sales ability and personality are as important as engineering ability. The contribution of one engineer is a small part of the effort which goes into the production of any product and an engineer must be a good teammate to work successfully with other men.

Mr. Andrews discussed the meth-

ods of discovering the traits of a man during an interview and stated that he looked largely for interest. Stressing the importance of summer work, he believes that a man must be a builder to be a good engineer and that his natural inclinations along these lines will be revealed by the kind of work in which he engages during the summer. The man who works in a factory or machine shop during the summer instead of heading for the beach, even though the pay might be less in the machine shop, is more likely to be interested in engineering.

Also important in this regard is a man's family background. If he comes from a family of engineers, the chances are that his knowledge will be broader than the man whose contact with engineers has been more limited, stated Mr. Andrews.

During the discussion of placement interview, Mr. Andrews expressed the opinion that he was in agreement with those who think that engineers are more inclined to be one-sided than other people, and that any kind of diversive activity would tend to correct this situation. He believes that the more interests which a person has, the more enjoyable his life will be, and that engineers could well afford to devote more time to rounding their personalities in order to secure the maximum enjoyment from their lives as engineers.

In choosing men for individual positions, Mr. Andrews stated, a man will be given a job in industry which coincides with his activity at the Institute. "The time to decide what kind of a life you want to spend is during your period of formal education." We like to give a man the kind of a job for which he has fitted himself during his college years which means that a man who has exhibited leadership will be given the kind of job in industry which demands leadership.

Next "Vu" Features Emerson College; Junior Prom Also Given Large Space

Emerson College will be featured in the issue of "Vu", M.I.T.'s Pictorial Magazine, which will appear for sale next week. Every issue features some New England college for women. So far Wellesley, Holyoke, and Colby Jr. College have been pictured.

"Vu" first appeared about a year ago and was so popular that it was followed by two more issues. It is the only college magazine of its kind in this country. There was a similar magazine at Dartmouth several years but it is no longer in existence. Herb Stein, '41, is the person who first contemplated a pictorial magazine of this type but the credit for organization and actual making possible its realization goes to Lou Rosenblum, '42.

At first the magazine was published by anyone that cared to come out and do any work. Now there is a standard system of promotions which enables any capable,

ambitious person to get somewhere on the publication in a hurry. Editor-in-Chief Stewart Rowe, '43, says that there are still plenty of opportunities for freshmen.

Also included in this issue are several spreads of the various fraternity and other dances and social functions around the Institute. The Junior Prom commands the largest space of any individual dance and many of the pictures used in these sections are taken with Professor Edgerton's Kodatron high speed lights.

"Vu" has the largest cash circulation of any of the undergraduate publication and has consistently maintained this circulation. It is popular not only with the students and faculty of the Institute but has brought many inquiries from other schools and colleges.

Three issues were published last year and three are planned for this year. The issues last year were completely sold out within a few days and one of the staff says that the same is expected of this year's issues.

Q Club To Give Party For Freshman Leaders

"All freshman section leaders are invited to a smoker to be given by the Quadrangle Club," it was announced by Robert H. Horsburgh, '45, chairman of the entertainment committee of the Q club. This party to be held tomorrow night at 7:15 P.M. in the Embassy Room of the Hotel Kenmore is the first of the QuClubs functions this year.

In line with its duties of enforcing the freshman rules, the Q club has started, and will continue a drive to see that freshmen continue to wear their freshman ties until the end of the term.

Russian Winter Festival Will Be Held Saturday

The Russian Winter Festival dance will swing into action at 8:45 P.M. December 5 in Morss Hall, Walker Memorial, to the music of Ruby Newman's orchestra.

An exciting floor show is planned which will include Russian dances and songs. There will be scores of girls from the nearby colleges for dancing partners. At the Autumn festival over five hundred girls were present, but stags were few and far between.

Tickets are 66c. each and may be obtained in the Lobby of Building 10 all day today and Thursday.

Where Boys Played

This past weekend, which held so much promise at its start, turned out before the end, and cost the lives of three Technology undergraduates, along with hundreds of people from elsewhere, in the latest fire in the history of Boston. As far as boys playing this weekend, they suddenly became serious Saturday night, and many pitched in and worked hard helping the victims of the Cocoanut Grove fire.

In the line of fraternity dances at the Institute, the Sigma Chi with an up to the minute name for their party took over the Hotel Puritan and spent the evening before Thanksgiving doing not so good a job of "Praising the Lord," but an excellent job of "Passing the Ammunition." The dance was the first one of the season to have a noticeable stag line. It looks possibly as though the thought of finals approaching in two months has gotten more of the boys out for a last fling.

At Wellesley, the T.C.A., in spite of the transportation difficulties, put on the Annual Well-Tech Barn Dance with the assistance of the Wellesley Christian Association. The dance, open to freshmen and Sophomores at the Institute, lasted until Midnight, when the T.C.A. made arrangements to have buses at the Wellesley Quadrangle to bring the boys back to the nearest car line which was still operating.

The D.U.'s held their annual Carnival on Saturday night also. With a midway on the first floor, they offered chances to win prizes galore, or even money in a few cases. It was apparently, however, not made to lose any money for the house as they were paying five to one odds on a spinning wheel having ten numbers. Figure it out for yourself. A freshman with a large cylinder of compressed air spent the evening reminding each girl that entered that she would be better off if she wore skirts that weren't quite so full, or so light.

The Reader Speaks

November 18, 1942

To the Staff and Students of M.I.T.:

The Cambridge Chapter of the American Red Cross wishes to express to you great appreciation for your part in making our city one of the largest, if not the largest, steady source of blood donors. This is not only due to the spirit of individual donors, but also to the enthusiasm and hard work of you who have spread the message of need and arranged the appointments. None realize the effort involved more than members of the Blood Donor Committee and none have acknowledge the wonderful results of your efforts more heartily than those in charge of the Blood Centre.

Personally, there is hardly a service man we meet, home for a rest from fighting abroad, who without knowing we are interested in the Cambridge Committee does not mention what the blood plasma has done for his wounded comrades. That is the best kind of thanks and we hope, too, it is an incentive for you to keep up, and multiply your recruiting of volunteers.

Sincerely yours,

JOHN H. CORCORAN,
 Chairman
 RUSSELL GEROULD,
 Vice Chairman
 The Blood Donor Committee.

Dear Editor:

Now that a new campaign for blood donors is getting underway at Tech, I wonder if you might find a corner in your paper for this letter.

Recently we had a large amount of time reserved for M.I.T.—a total

(Continued on Page 4)

Technology Wrestlers To Compete With Tufts In Walker Memorial

Confident Team Hopes To Repeat Other Wins Dec. 3

Coach John Lutz announced in a confident tone yesterday that his grapplers will wrestle Tufts' varsity crew here next Thursday at 7:30 P.M.

Team members look forward to this first meet of the season anticipating for it will serve somewhat as an indication of future matches this year. In last year's competition, the Technology varsity defeated Tufts 23 to 15, and the Tech freshmen won by the wide margin of 35 to 5.

Elimination for the various weight classes will be held on Tuesday, for the varsity, and on Wednesday, for the freshmen.

Possible lineup of Technology competitors is as follows:

121 lb. Class	Cyrus H. Kano
John F. Tyrell	
128 lb. Class	
Robert C. Fettes	
Clinton W. Murchison	
136 lb. Class	
Warren A. Schwartzman	
Laurence J. Winik	
145 lb. Class	
Knapp	William Botten
155 lb. Class	
Kjeld Damsgaard	
165 lb. Class	
Everett T. Deguzzie	
Lester R. Ackerman	
175 lb. Class	
Undecided	
Heavyweight	
Walter Masik	Bell

Trackster's Dinner Tonight In Walker

Initiation Of Members; Numerals To Be Awarded

This evening at 6:30 P.M. the Track Club will sponsor its annual dinner in Pritchett Hall of Walker Memorial.

Mr. Horace S. Ford, treasurer of the Institute will be the guest speaker. The dinner is for the purpose of initiating the varsity men elected to the club.

Oscar Hedlund, coach of the team, announced that all members of the track teams are invited to the dinner. The cost is one dollar per person except for those track men who are to be initiated at the dinner.

Part of the program of the dinner is the distributing of awards to the winners of the annual Fall Inter-Class meet held on Saturday, November 14. Oscar will also announce the winter program for the track team.

The following is the list of trackmen newly elected into the club: Bob Cummings, '44; Elbert Pritchard, '44; Norman Beecher, '44; Bob Meny, '44; George Zeigler, '44; Americo Almeida, '44; Jack Schultz, '42; John Adams, '44; Greg Azarian, '43; Dick Wareham, '44; John Gardner, '43; Joe Henrich, '44; Ralph Seferian, '44; and Dick Cavicchi, '44.

In The Infirmary

At the infirmary yesterday were the following:

Homburg Infirmary

Louis B. Baldwin, Jr., '46
John A. Baring, '45
Joseph P. Day, III, '46
Francis J. X. Donahue, '46
William G. Franklin, '43
Paoli Massaglia, '46
Harry W. Mergler, '46
Theodore F. Randolph, '45
Dixon H. Ward, '46

SPORTS THIS WEEK

SPORTS OF THE WEEK

Thursday, December 3

Varsity Wrestling vs. Tufts—here, 7:30.

Friday, December 4

Basketball vs. Harvard—here, 3:00.

Freshmen—7:00

Varsity—8:30

Saturday, December 5

Varsity Swimming vs. R.P.I.—here, 3:00.

Varsity Wrestling vs. Harvard—there, 2:30.

Varsity Hockey vs. Boston U.—Boston Arena, 8:00.

B. K. S. Adopts Obstacle Race

Race On Sunday Counts In Trophy Competition

The much-cursed army obstacle course will play host to a determined band of campus athletes on this coming Sunday. The Beaver Key sports moguls recently announced the adoption of the obstacle competitions in the regular Beaver trophy series, with the winning outfit getting credit for fifteen points in the final tabulations.

Open to any campus group, either from the dormitories or the fraternity houses, the race will be run off at 3:00 P.M. Sunday. Each entry will present a relay team of six men. Each of which will run the length of the course and back in competition with opponent relayers.

When the last of each team has completed the course, the times will be compared and the winner determined. Letters were sent yesterday to the various representative groups around the campus, extending an invitation to compete in the fracas.

At least three members of each six-man team must be freshmen according to the rules of the contest. Arrangements have been made with several of the obstacle course experts now roaming the campus to coach any teams that would like to test the course on Friday of this week. Competing teams are urged to sharpen their wall-climbing, fence-jumping, and ditch-crawling techniques previous to the actual race. "Rain or shine, the race will be held," chortled Beaver Key's Gerry Myers in a recent interview.

Sig Chis Blank Senior A 27-0

Over the past weekend only one of the scheduled football games in the Beaver Key tournament was played. In this game the Sigma Chis took the Senior A team into hand by a neat 27-0.

On Saturday of this week Sigma Chi will try to take the Theta Chi's team into camp. At the same time the S.A.E.s will venture their strength against the Senior A team. On Sunday, Theta Chi will play the Senior B team. This will conclude the tournament for the Beaver Key Football Trophy.

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Oscar Hedlund Analyzes Use Of Freshmen In Varsity Track

By OSCAR HEDLUND, Coach of Track

(Ed. Note. The Tech is indebted to Mr. Hedlund for this article, which is the first of its kind to appear in any publication.)

Not since 1926 have freshmen been allowed to compete on varsity teams, but now a war has caused a change again, and freshmen are allowed to compete on the varsity while so many upperclassmen have left college to join the service of their country.

On studying the 1942 results in both the New England and Intercollegiate, one finds that the frosh have proven very valuable to those colleges which used incoming freshmen in their cross-country races. In both of these big championships four members of the class of '46, were the leaders of their respective teams to lower the final total count and help their team's result.

How these frosh have changed the totals is very important. In the race at Franklin Park three weeks ago, 58% of the teams used first year students and ten of these boys scored in the first five places of their teams.

In the big intercollegiate at New York ten days ago, 70% of the teams started frosh as varsity men, and in this meet thirteen first year students scored, four of whom finished first for their colleges, to keep their team's score much lower than if only upperclassmen had run.

In the race at Franklin Park, twelve teams started in this championship race and when the final results were tabulated, five teams using freshmen finished in the first nine places, but if the frosh had been barred many changes would occur. A team in third place would

be dropped to ninth place, fifth to seventh, and seventh to eighth, etc. Teams which did not use frosh would have come nearer winning if the other teams had not used frosh. Tech using only upperclassmen would have moved up from eighth to fifth place if all freshmen had been barred. One college reduced its score by 101 points by using frosh and others gained from 8 to 58 points under the new set-up.

In the I. C. 4A meet at New York fourteen out of twenty teams would have been lower in the team totals if they had not used members of the class of '46. Eliminating frosh runners the total would change from 22 to 142 points on various teams. One team which finished twelfth would be in sixteenth place, the team finishing third dropped to sixth with M.I.T. moving up to tenth place from thirteenth. In this race four freshmen led their team mates across the finish line.

The following figures show the place which each competing team took and the place which each team would have taken if freshmen had been barred.

N. E. I. C. 4A.

With Frosh 1 2 3 4 5 6 7 8 9 10 11 12
Without Fr. 1 2 9 3 7 4 8 5 6 10 11 12

I. C. 4A.

With Fr. 1 2 3 4 5 6 7 8 9 10 11 12 13
Without Fr. 1 2 6 5 3 4 7 9 8 13 11 16 10
With Frosh 14 15 16 17 18 19 20
Without Fr. 12 15 13 19 17 18 20

Week Of Initiation Begun By Scabbard And Blade

Initiation started yesterday in the Scabbard and Blade Society. The initiates can be seen around school in the uniforms described in last week's The Tech carrying a rifle wherever they go. Starting tomorrow some of the men will be posted on guard duty by the List of World War dead in the Lobby of Building 10 and in the corridor of the Military Science Department on the second floor of Building 5.

Friday night, after the banquet, the initiates will march from fifteen to twenty miles under full pack and rifle to the historic Battleground at Concord. The hike will probably take from midnight until the formal initiation at Concord about 8:00 the next morning.

Initiates from the Senior Class are: Heydt, Hotte, Karnuth, Martin and Mulhaupt. The Class of '44 gives the following men as initiates: Almeida, Banus, Bettes, Bransby, Buchanan, Carmody, Carroll, Gardner, Harris, Jeven, Jealous, Kratz, Lawson, Mackintosh, Meny, Peck, Pratt, Schutte, Turner, Wareham, and Woodworth.

According to First Sergeant William T. Van Ravenswaay of the society the purpose of the initiation is not to ridicule the initiates but to make them into better soldiers.

Helicopters To Be Topic At A. E. S. Meeting Today

The Aeronautical Engineering Society presents the second in the series entitled "Helicopters and Their Practical Applications" in Room 33-319 at 5 p.m. today. John Chamberlain, '44, will be the speaker and among other points he will discuss the theory of helicopter flight, helicopter structures, and correlated subjects.

Next week Charles Steffens, Jr., '45, will present a talk on parachutes in conjunction with a film on parachute jumping. There will also be shown a film portraying the development of civilian aircraft, both passenger and cargo carrying, from 1924 to 1940.

A questionnaire has been sent to members of the Society concerning the courses of instruction to be offered by the Society during the next few months. Members are requested to fill out these blanks and return them as soon as possible so that classes may begin before the holidays.

Meetings of the A.E.S. are now being held every Tuesday in the Aeronautics Building in Room 33-319 at 5 p.m.

Cagers To Play Harvard Friday In Walker Gym

Northeastern Beaten In Unofficial Game By a Score Of 35-27

Tech's cagers will compete officially for the first time this season when they play Harvard in Walker Gym at 7:00 P.M. Friday. The competition will start when the freshman team plays the Harvard freshmen, and the varsity teams will clash at 8:30. The line-up has not yet been decided because of lack of practice due to the installation of blackout curtains in the gym recently.

If one game can be taken as somewhat indicative of future success, Harvard would seem to have made a fairly impressive showing by defeating, in their first game of the season last Saturday night, the crack Coast Guard outfit.

Tech Defeats N. U.

However, Tech is making an even better record. Last Friday they defeated Northeastern 35-27 in an unofficial practice game. Another practice game with the same team will be played here at 5:00 P.M. tonight.

It was reported that Caleb S. Taft, '44, a member of last year's team, received an ankle injury recently and may not be able to compete.

M.I.T. Tinerants And "Weather or Not" —O Shakespeare!

The M.I.T. Tinerants will present a play, "Weather or Not" at the Peabody playhouse on Wednesday, Thursday, and Friday of this week.

Last year this group presented "Defendimonium" and did a creditable job of presenting it. The group last year was supplemented by numerous instructors and their wives but many of these are no longer with the group. This year members of the faculty and research staff will compose the entire cast.

The play was written jointly by Arthur Roberts, Katherine Bolt, and Professor William C. Greene. It is a musical show with songs and a little dancing. The music was prepared by Hassler Einzig, Director of Music in Arlington Schools, and the dancing will be performed by Zy-doriak.

The first act of the play takes place here at the Institute and the second act transports the audience to Russia. Heading the cast are Mrs. Carole Havens and Zigmund Wilchinski. President Compton, President Conant and Bernard Baruch, all of whom sat on a committee recently which advised President Roosevelt on the facts of the rubber shortage, will be burlesqued by Prof. S. C. Brown, Roy Prince, and Irving Lovell.

The prices of the tickets are 55c and \$1.10. Almost all the tickets have already been sold and the entire proceeds are to go to some charity.

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CALENDAR

TUESDAY, DECEMBER 1, 1942

5:00 P.M. A.E.S. Meeting—Room 33-319.
6:30 P.M. Track Club Dinner—Pritchett Hall.

WEDNESDAY, DECEMBER 2, 1942

5:00 P.M. T.C.A. Senior Cabinet Meeting—T.C.A. Office.
5:00 P.M. Vu Meeting—Entire Staff—Litchfield Lounge.
7:15 P.M. Q Club Party—Hotel Kenmore.
8:30 P.M. "Weather or Not" Play—Peabody Playhouse.

THURSDAY, DECEMBER 3, 1942

5:00 P.M. Institute Committee Meeting—Litchfield Lounge.
7:30 P.M. Wrestling Meet vs. Tufts—Walker Gym.
8:30 P.M. "Weather or Not"—Peabody Playhouse

Miss Catherine Murphy Went To Nightclub With Sullivans

Miss Murphy Graduated From Simmons In 1940

Miss Catherine Murphy, who perished in the Cocoanut Grove fire last Saturday night had worked at the circulation desk of the Institute's Central Library for the past two years. Termed attractive by many, she was known to a large number of Technology students who frequent the Central Library in Building 10.

She graduated from Simmons College with the Class of 1940 and had been here since the Fall of 1940. She is survived by her mother and father, a sister Irene, employed in the radiation laboratory, and three brothers, two of whom are in the U.S. Navy. Funeral services will be held at 9:00 A.M., Wednesday, December 2, at the St. Mark's Church, Dorchester.

T.C.A. Work Camp Next Week End

The Boys' Work Division of the T.C.A. will hold another work camp this week end, December 5 and 6, at the Jeffries Point Boys' Club, 120 Marginal St., East Boston. Those going will leave the T.C.A. office at 1:30 P.M. Saturday, return home at night, and go back Sunday morning at 10:00 A.M.

The work to be done is fixing up an ice skating rink, painting the rooms inside, and repairing furniture. All will not be work, however, for Saturday night after supper, square dancing will prevail and Sunday afternoon a musical program will be given by the club.

Students will have to pay for the meals Saturday evening and Sunday noon. This should be about \$80 per person. In addition carfare will be ten cents each way. Anyone interested may leave his name in the T.C.A. office anytime this week. Work clothes should be worn.

Students from several other Boston schools will be there. This week and next will be the last times that Wellesley girls can come before their long vacation starts.

All-Tech Sing

(Continued from Page 1)

Air Corps Song"; Phi Kappa Epsilon, Old Songs; Delta Tau Delta, "Delta Shelter"; Sigma Alpha Epsilon, "Dear Land of Home"; Sigma Nu, "In a Little Red Schoolhouse"; Student House, "Po' Old Lazarus"; Walker Staff Octet, "Girl of My Dreams"; Phi Delta Theta, "Loch Lomond"; Agenda, an air to tune of Beer Barrel Polka; and the Glee Club, "Go Down Moses." Delta Kappa Epsilon, and Lambda Chi Alpha are also participating but their selections are not yet known.

The silver cup, now in the possession of Alpha Tau Omega, last year's winner, was a gift from Professor F. Alexander Magoun to the Baton Society to help promote interest in this affair.

Raymond F. Sullivan Had Worked In Same Library

Raymond F. Sullivan, '43, a 34 year old student in mechanical engineering, would have shortly satisfied his life ambition of becoming a graduate of Technology had not fate intervened and cut short his life in the Cocoanut Grove fire last Saturday night, according to Raymond R. Richards, '43, Richards gave an account of the circumstances under which Sullivan and his mother, together with Miss Catherine Murphy, happened to be present at the night club when the disaster occurred.

Mrs. Margaret Sullivan, his mother, was visiting "Ray" over the weekend and they, together with Miss Murphy, had attended the Boston College-Holy Cross football game before visiting the night spot, the Cocoanut Grove. Sullivan was employed as a part time assistant in the Central Library where he was associated with Miss Murphy, and he was also employed as a part time instructor at the Boston Technical Institute. He had been active in the Technology Christian Association.

Surviving Sullivan and his mother are his father, three brothers. Funeral services for him and his mother will be held in Ansonia, Connecticut. The time had not been set last night.

Outing Club

(Continued from Page 1)

People interested in skiing or interested in learning to ski are invited to sit in on this meeting.

Plan to Rent Skis

The officers of the club hope that a large number of skiers and potential skiers will be able to take advantage of the extensive program this winter. In order to enable novices to become acquainted with the sport without the large initial investment that prevents many interested but financially skeptical men from getting started in this field, the club has arranged a rental system. The system is on a very low non-profit basis and there is no breakage charge as long as the pieces are all returned. The skis are equipped with new Kandahar cable bindings and poles and are only rented to members of the Outing Club.

Civil Engineers To Present Film

A thirty minute sound color film entitled "Railroadin" will be shown by the M.I.T. Student Chapter of the American Society of Civil Engineers at an assembly at 5:00 P.M. Wednesday afternoon in Room 10-250.

The film, jointly prepared by the American Locomotive Company and General Electric is designed to show the vital part the railroads have played and will play in the national economy. It also shows the magnitude of the job that the railroads have in transporting the vast amount of war material.

Admission to the film is free and all those who are interested are invited to attend.

Fuel Conservation Started In M.I.T.

Since Last Oct.

Temperature Taken Down To a Minimum; Radiators Turned Off In Buildings

Since the beginning of the winter months Technology has been conserving its fuel supply by keeping the temperature throughout all buildings down to 65 degrees, and by turning off all unnecessary steam apparatus.

These facts were made known last night by Mr. Albert V. Smith, Superintendent of Buildings and Power in his office last night. "Usually, we kept the buildings at a constant temperature of slightly above 70 degrees, but to conserve our supply of fuel, and to conform to government regulations we have cut this temperature to just below 65 degrees".

In addition to these steps taken to conserve fuel, Mr. Delbert L. Rhind, bursar, has had a notice sent out to all staff members instructing them to cooperate by turning down all hand controlled radiators so that the heat in the room conforms with the regulations already set forth. Room controlled by thermostats are automatically set to 65 degrees.

"We have shut off for the duration" said Mr. Smith, "all general space such as corridors, staircases and entrances. These open spaces now receive no heat at all. On nights when the temperature is above 32 degrees we drop the steam pressure completely from 10:00 P.M. to 7:00 A.M., and on nights when the temperature drops below the freezing point we run the whole system at about 45 degrees so that the water pipes won't freeze."

The Dormitory problem of conserving heat is handled by Mr. Henry K. Dow, the Dormitory manager who is in charge of all measures taken in the undergraduate houses. The Graduate House steam conservation is handled by Mr. William N. Davis, manager of the House, and the Walker Memorial steam problem is handled by Mr. Albert N. Bridges, manager of Walker.

Although the temperature has been cut down in all the buildings, special care has been taken that the health of the students or the staff is not affected by this cut. The only rooms that now receive all the heat that they want are in the infirmary. In this case heat must sometimes be kept up as high as 85 degrees to insure all applicants for physical exams of having a well heated room.

INSTITUTE COMMITTEE AGENDA

Moved: That the following amendment to the Five-Fifteen Club constitution be approved: All club elections will be held on the first Tuesday in December for the duration. That the Five-Fifteen Club election be approved.

Moved: That the officers of the Nautical Association be approved: They are as follows: Commodore, John Taft, '44; Vice-Commodore, Samuel D. Parkinson, '44; Secretary, Steven King, '45; Treasurer Ralph L. Evans, '45.

Moved: That the Freshman Council elections of George Bickford as Secretary-Treasurer, Ross Compton and Richard Burke as Institute representatives be approved.

Moved: That the following phrase be struck out of Section 1, Article II of the Walker Memorial Committee constitution "... activities of non-athletic nature ..." and that section be amended to read, "The purpose of this Committee shall be to coordinate undergraduate extra curricular activities and to administer all Institute facilities under its jurisdiction to the best interests of the Undergraduate Association."

Moved: That the budget of the All-Tech sing be approved.

The Reader Speaks

(Continued from Page 2)

of about 1,000 appointments. A great many of those who planned to come were unable to keep their appointments for some reason or another—good ones I am sure. Unfortunately, however, they did not let us know and as a result we had about 250 fulfillments, or over 700 failures.

Because these failures are one of our greatest problems since they keep us from making our quota by having us save time that is never used, I am writing with the hope that every man who makes an appointment on this new Tech program will either keep it or give us at least a 24 hour notice if he will not be present.

If every man at Tech who can be a donor will be a donor we should collect enough blood plasma to equip a major fighting unit. I am sure that every man who can be a donor will be a donor, so it only remains that these men arrive on schedule, give their precious pint, and Technology's is the privilege of being on active duty on a fighting front before many weeks have gone by!

We look forward with great en-

thusiasm to this new campaign, for we are sure that it will be the very best campaign that any university could possibly launch.

Sincerely yours,
ANASTASIA KIRBY
Assistant to the Director

A Pat on the Back

Dear Editor:

The idea of printing the names of fellows in the infirmary is dandy—keep it up! When you are in there the days are pretty lonesome, in spite of the wonderful care you get. Friends coming in are really appreciated. We have no other way to know when some of our friends are laid up. It's easy to stop in on them for a quick visit when you know they are there.

Sincerely yours,
JIM CASSERLY, '43.

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